

Attorney's Docket No. 5470.285DV

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: DeSimone et al.

Serial No.: To be assigned

Filed: Concurrently herewith

For: METHODS OF FORMING POLYMERIC STRUCTURES USING CARBON
DIOXIDE AND POLYMERIC STRUCTURES FORMED THEREBY

Date: February 23, 2004

Mail Stop Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT
CITATION UNDER 37 C.F.R. § 1.97**

Sir:

Attached is a list of documents on forms PTO-1449.. All items listed on the PTO-1449s were cited in parent application Serial No. 10/109,588, filed March 28, 2002. Since the benefit of this application is claimed under 35 U.S.C. §120, no other copies need to be furnished in accordance with 37 C.F.R. §1.98(d); however, copies will be furnished on request. It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. §1.97 and Section 609 of the MPEP.

Respectfully submitted,



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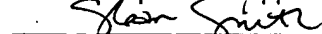
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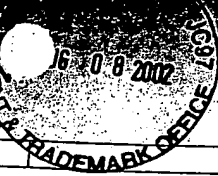
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Sloan Smith

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1



Application Number	10/400,588	Complete if Known
Filing Date	March 28, 2002	To Be Assigned
First Named Inventor	Joseph M. DeSimone	Concurrently herewith
Group Art Unit	1772	
Examiner Name	Unknown	
Attorney Docket Number	5470.351DV	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
MF	1	US 2002/0020946 A1		Hirakoa et al.	02/21/2002	
	2	4,136,137		Hsieh et al.	01/23/1979	
	3	5,281,666		Hoxmeier	01/25/1994	
	4	5,451,633		Desimone et al.	09/19/1995	
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		Office	Number	Kind Code (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
MF	12	Chen, Vanessa Z.-H., et al., <u>Ordered Bicontinuous Nanoporous and Nanorelief Ceramic Films from Self Assembling Polymer Precursors</u> , <u>Science</u> , Vol. 286, pp. 1716-1719 (26 November 1999)	
	13	Dang, T.D., et al., <u>Synthesis and Characterization of Fluorinated Benzoxazole Polymers with High T_g and Low Dielectric Constant</u> , <u>Journal of Polymer Science</u> , Vol. 38, pp. 1991-2003 (2000)	
	14	Hedrick, J.L., et al., <u>High-temperature polyimide nanofoams for microelectronic applications</u> , <u>Reactive & Functional Polymers</u> , Vol. 30, pp. 43-53 (1996)	
	15	Hyatt, John A., <u>Liquid and Supercritical Carbon Dioxide as Organic Solvents</u> , <u>Journal of Organic Chemistry</u> , Vol. 49, No. 26, pp. 5097-5101 (1984)	
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	20	Olmsted, P.D., et al., <u>Lifshitz points in blends of AB and BC diblock copolymers</u> , <u>Europhysics Letters</u> , Vol. 45, No. 1, pp. 83-89 (1999)	
	21	Olmsted, Peter D., et al., <u>Strong-Segregation Theory of Bicontinuous Phases in Block Copolymers</u> , <u>Physical Review Letters</u> , Vol. 72, No. 6, pp. 936-941 (7 February 1994)	
	22	Olmsted, Peter D., et al., <u>Errata, Strong-Segregation Theory of Bicontinuous Phases in Block Copolymers</u> , <u>Physical Review Letters</u> , Vol. 74, No. 5, pg. 829 (30 January 1995)	
	23	Olmsted, Peter D., et al., <u>Strong-Segregation Theory of Bicontinuous Phases in Block Copolymers</u> , <u>Macromolecules</u> , Vol. 31, pp. 4011-4022 (1998)	
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	28	<u>Low dielectric constant materials for advanced microelectronics</u> , <u>www.almaden.ibm.com/st/projects/lowk</u> , 3 pages	

Examiner Signature	<i>John F. Loe</i>	Date Considered	5/03
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office				Attorney Docket Number 5470-351DV		Serial No. 10/109,588 <i>To Be Assigned</i>	
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)							
<div style="position: absolute; top: 10px; left: 10px; border: 2px solid black; border-radius: 50%; padding: 5px; text-align: center;"> TYPE JC07 SEP 11 2003 PATENT & TRADEMARK OFFICE </div>				Applicants: Joseph M. DeSimone et al;			
				Filing Date: <i>Concurrently herewith</i> March 28, 2002			
U. S. PATENTS & PATENT APPLICATION PUBLICATIONS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
MF	1.	1 085 041	03/21/01	EPO	C08J	9/26	
MF	2.	1 211 280	06/05/02	EPO	C08J	9/28	
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	3.	J.L. Hedrick et al; "Templating Nanoporosity in Thin-Film Dielectric Insulators"; Adv. Mater. 10, No. 13 pp 1049-1053, 1998.					
	4.	International Search Report for PCT/US 03/05548.					

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